ELSEVIER

Bioenergetics
(including Reviews on Bioenergetics)
Vol. 1322, 1997

BIOCHIMICA ET BIOPHYSICA ACTA
BBA

Author Index

Akabori, K., see Hara, H. (1322) 77

Babcock, G.T., see Lydakis-Simantiris, N. (1322) 129
Bárány, M., see Barron, J.T. (1322) 208
Barron, J.T., Bárány, M., Gu, L. and Parrillo, J.E.
Oxidation of acetate and octanoate and its relation to glucose metabolism in contracting porcine carotid artery (1322) 208
Bizouarn, T., Stilwell, S., Venning, J., Cotton, N.P.J. and Jackson, J.B.
The pH dependences of reactions catalyzed by the complete proton-translocating transhydrogenase from *Rhodospirillum rubrum*, and by the complex formed from its recombinant nucleotide-binding domains (1322) 19

Carbonera, D., Collareta, P. and Giacometti, G.
The P700 triplet state in an intact environment detected by ODMRA well resolved triplet minus singlet spectrum (1322) 115
Castilho, R.F., see Kowaltowski, A.J. (1322) 221
Cerretelli, P., see Vezzoli, A. (1322) 195
Collareta, P., see Carbonera, D. (1322) 115
Cotton, N.P.J., see Bizouarn, T. (1322) 19

Duarte, M., Schulte, U. and Videira, A.
Identification of the TYKY homologous subunit of complex I from *Neurospora crassa* (1322) 237
Dzuba, S.A., see Hara, H. (1322) 77

Engel, A., see Tsiotis, G. (1322) 163

Fontaine, E., see Kay, L. (1322) 41

Ghanotakis, D.F., see Lydakis-Simantiris, N. (1322) 129
Giacometti, G., see Carbonera, D. (1322) 115
Govindjee, see Xiong, J. (1322) 60
Greco, F., see Vezzoli, A. (1322) 195
Gu, L., see Barron, J.T. (1322) 208
Gural, J., see Hoff, W.D. (1322) 151
Gussoni, M., see Vezzoli, A. (1322) 195

Hager-Braun, C., see Tsiotis, G. (1322) 163
Hansson, Ö., see Young, S. (1322) 106
Hara, H., Dzuba, S.A., Kawamori, A., Akabori, K., Tomo, T., Satoh, K., Iwaki, M. and Itoh, S.
The distance between P680 and Q_A in Photosystem II determined by ESEEM spectroscopy (1322) 77
Hauska, G., see Tsiotis, G. (1322) 163
Hellingwerf, K.J., see Hoff, W.D. (1322) 151
Hoff, W.D., Van Stokkum, I.H.M., Gural, J. and Hellingwerf, K.J.
Comparison of acid denaturation and light activation in the eubacterial blue-light receptor photoactive yellow protein (1322) 151
Hutchison, R.S., see Xiong, J. (1322) 60

Ikeda, H., see Ikeda, M. (1322) 33
Ikeda, M., Kadowaki, H., Ikeda, H., Moritani, C. and Kanazawa, H.
Exchangeability of the b subunit of the Cl^--translocating ATPase of *Acetabularia acetabulum* with the β subunit of *E. coli* F_1-ATPase: Construction of the chimeric β subunits and complementation studies (1322) 33
Itoh, S., see Hara, H. (1322) 77
Iwaki, M., see Hara, H. (1322) 77

Jackson, J.B., see Bizouarn, T. (1322) 19

Kaambre, T., see Kay, L. (1322) 41
Kadowaki, H., see Ikeda, M. (1322) 33
Kanazawa, H., see Ikeda, M. (1322) 33
Kawamori, A., see Hara, H. (1322) 77
Kay, L., Li, Z., Mericskay, M., Olivares, J., Tranqui, L., Fontaine, E., Tiivel, T., Sikk, P., Kaambre, T., Samuel, J.-L., Rappaport, L., Usson, Y., Leverve, X., Paulin, D. and Saks, V.A.
Study of regulation of mitochondrial respiration in vivo. An analysis of influence of ADP diffusion and possible role of cytoskeleton (1322) 41
Khan, S.
Rotary chemiosmotic machines (1322) 86
Kowaltowski, A.J. and Castilho, R.F.
Ca^{2+} acting at the external side of the inner mitochondrial membrane can stimulate mitochondrial permeability transition induced by phenylarsine oxide (1322) 221
Krogmann, D.W., see Wu, Y.P. (1322) 1

Lages, F. and Lucas, C.
Contribution to the physiological characterization of glycerol active uptake in *Saccharomyces cerevisiae* (1322) 8
Leverve, X., see Kay, L. (1322) 41
Li, Z., see Kay, L. (1322) 41
Lucas, C., see Lages, F. (1322) 8
Lydakis-Simantiris, N., Ghanotakis, D.F. and Babcock, G.T.
Kinetic isotope effects on the reduction of the Y_z radical in oxygen evolving and tris-washed photosystem II membranes by time-resolved EPR (1322) 129

Mericskay, M., see Kay, L. (1322) 41
Moritani, C., see Ikeda, M. (1322) 33

Olesen, K., see Young, S. (1322) 106
Olivares, J., see Kay, L. (1322) 41

Pace, R.J., see Reza Razeghifard, M. (1322) 141
Pänke, O. and Rumberg, B.
Energy and entropy balance of ATP synthesis (1322) 183
Parrillo, J.E., see Barron, J.T. (1322) 208
Paulin, D., see Kay, L. (1322) 41
Pettersson, G.
Control properties of the Calvin photosynthesis cycle at physiological carbon dioxide concentrations (1322) 173

Rappaport, L., see Kay, L. (1322) 41
Reza Razeghifard, M. and Pace, R.J.
Electron paramagnetic resonance kinetic studies of the S states in spinach PSII membranes (1322) 141
Rumberg, B., see Pänke, O. (1322) 183

Saks, V.A., see Kay, L. (1322) 41
Samuel, J.-L., see Kay, L. (1322) 41
Satoh, K., see Hara, H. (1322) 77
Sayre, R.T., see Xiong, J. (1322) 60
Schulte, U., see Duarte, M. (1322) 237
Sigfridsson, K., see Young, S. (1322) 106
Sikk, P., see Kay, L. (1322) 41
Someya, Y. and Yamaguchi, A.
Second-site suppressor mutations for the Arg70 substitution mutants of the Tn10-encoded metal-tetracycline/H^+ antiporter of *Escherichia coli* (1322) 230
Stilwell, S., see Bizouarn, T. (1322) 19

Tiivel, T., see Kay, L. (1322) 41
Tomo, T., see Hara, H. (1322) 77
Tranqui, L., see Kay, L. (1322) 41
Tsiotis, G., Hager-Braun, C., Wolpensinger, B., Engel, A. and Hauska, G.
Structural analysis of the photosynthetic reaction center from the green sulfur bacterium *Chlorobium tepidum* (1322) 163

Usson, Y., see Kay, L. (1322) 41

Van Stokkum, I.H.M., see Hoff, W.D. (1322) 151
Venning, J., see Bizouarn, T. (1322) 19
Vezzoli, A., Gussoni, M., Greco, F., Zetta, L. and Cerretelli, P.
Quantitative analysis of anaerobic metabolism in resting anoxic muscle by ^{31}P and ^{1}H MRS (1322) 195
Videira, A., see Duarte, M. (1322) 237

Wolpensinger, B., see Tsiotis, G. (1322) 163
Wu, Y.P. and Krogmann, D.W.
The orange carotenoid protein of *Synechocystis* PCC 6803 (1322) 1

Xiong, J., Hutchison, R.S., Sayre, R.T. and Govindjee
Modification of the photosystem II acceptor side function in a D1 mutant (arginine-269-glycine) of *Chlamydomonas reinhardti* (1322) 60

Yamaguchi, A., see Someya, Y. (1322) 230
Young, S., Sigfridsson, K., Olesen, K. and Hansson, Ö.
The involvement of the two acidic patches of spinach plastocyanin in the reaction with photosystem I (1322) 106

Zetta, L., see Vezzoli, A. (1322) 195